In the Claims:

Please amend the claims as follows:

1. (Currently Amended) ~~In a communication network with user access via a plurality of data processor controlled interactive display terminals for sending and receiving broadcasting packets, an~~ An electronic document distribution system for routing broadcasting packets from a sending server to a receiving server comprising:

means for temporarily storing a broadcasting payload inside a broadcasting router as a coded header by temporarily coding the broadcasting payload ~~to a set of symbols~~;

means for temporarily stripping the broadcasting payload from the broadcasting packet;

means for temporarily replacing the stripped broadcasting payload ~~with a set of coded symbols in the broadcasting packet~~;

means for adding the <u>replaced payload</u> ~~coded symbols~~ to a header of the broadcasting packet;

means for transmitting the coded header for each of the broadcasting packet to the receiving server via the broadcasting router; and

means for transmitting the broadcasting payload to its coded header in the receiving server via the broadcasting router; and

means for converting the ~~coded set of symbols~~ <u>replaced payload</u> of the broadcasting payload from its coded format to form a full broadcasting packet in the receiving server.

2. (Previously Presented) The system of claim 1 further comprising means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a coded header.

3. (Currently Amended) The system of claim 2 further comprising:

means for receiving the coded header of the broadcasting packet and patching the broadcasting payload that corresponds to the <u>replaced payload</u> ~~set of coded symbols~~ in the coded header from storage; and

means for relaying the broadcasting payload to a destination router according to its address.

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4. (Original) The system of claim 3 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

5. (Original) The communication network of claim 3 wherein:

said communication network is a distributed network;

said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.

6. (Currently Amended) In a communication network with user access via a plurality of data processor controlled interactive display terminals for sending and receiving broadcasting packets, a method of distributing transmitted electronic documents routing broadcasting packets from a sending server to a receiving server including the steps of:

temporarily storing a broadcasting payload inside a broadcasting router as a coded header by coding the broadcasting payload ~~to a set of symbols temporarily~~;

stripping the broadcasting payload temporarily from the broadcasting packet;

replacing the broadcasting payload temporarily ~~with a set of coded symbols~~ in the broadcasting packet with a replacement payload;

adding the ~~coded symbols~~ replacement payload to a header of the broadcasting packet;

transmitting a coded header of the broadcasting packet to the receiving server via the broadcasting router; and

transmitting the broadcasting payload to its coded header in the receiving server via the broadcasting router; and

converting the ~~coded set of symbols~~ replacement payload of the broadcasting payload from its coded format to form a full broadcasting packet in the receiving server.

7. (Original) The method of distributing electronic documents of claim 6 further including the step of reducing the broadcasting payload of the broadcasting packet to a coded header of the broadcasting packet.

8. (Currently Amended) The method of distributing electronic documents of claim 7 further including the steps of:

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receiving the coded header of the broadcasting packet and patching the broadcasting payload that corresponds to ~~the set of coded symbols~~ replacement payload in the ~~coded~~ header from storage; and

relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

9. (Original) The method of distributing electronic documents of claim 8 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

10. (Original) The method of distributing electronic documents of claim 8 wherein:

said communication network is a distributed network; said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.

11. (Currently Amended) A computer readable medium storing a computer program which when executed performs the implementation for distributing electronic documents in a communication network with user access via a plurality of data processor controlled interactive display terminals for sending and receiving broadcasting packets, said program for routing broadcasting packets from a sending server to a receiving server comprising:

means for temporarily storing a broadcasting payload inside a broadcasting router as a coded header by temporarily coding the broadcasting payload ~~to a set of symbols~~;

means for temporarily stripping the broadcasting payload from the broadcasting packet;

means for temporarily replacing the stripped broadcasting payload ~~with a set of coded symbols in the broadcasting packet~~;

means for adding the ~~coded symbols~~ replaced payload to a header of the broadcasting packet;

means for transmitting the coded header of the broadcasting packet to the receiving via the broadcasting router; and

transmitting the broadcasting payload to its coded header in the receiving server via the broadcasting router; and

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means for converting the ~~coded set of symbols~~ <u>replaced payload</u> of the broadcasting payload from its coded format to form a full broadcasting packet in the receiving server.

12. (Original) The computer readable medium of claim 11 further including means in the document distribution system for reducing the broadcasting payload of the broadcasting packet to a coded header of the broadcasting packet.

13. (Currently Amended) The computer readable medium of claim 12 further including:

means for receiving the coded header and patching the broadcasting payload that corresponds to the ~~set of coded symbols~~ <u>replaced payload</u> in the coded header from storage; and

means for relaying the broadcasting payload to a destination router according to its address to form the full broadcasting packet.

14. (Original) The computer readable medium of claim 13 wherein said document distribution system is an electronic mail distribution system associated with electronic mail sources.

15. (Original) The computer readable medium of claim 13 wherein:

said communication network is a distributed network; said broadcasting payloads are digitized packets; and

said network distribution system is a network server system.